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TECH CENTER 1600/2900

RAW SEQUENCE LISTING

DATE: 03/12/2002

PATENT APPLICATION: US/10/081,281

TIME: 09:35:09

Input Set : N:\Crf3\RULE60\10081281.raw

Output Set: N:\CRF3\03122002\J081281.raw

## SEQUENCE LISTING

## 1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: Kindsvogel, Wayne  
3 Gross, Jane A.  
4 Sheppard, Paul

5 (ii) TITLE OF INVENTION: Immune Mediators and Related Methods

6 (iii) NUMBER OF SEQUENCES: 121

7 (iv) CORRESPONDENCE ADDRESS:

8 (A) ADDRESSEE: Townsend and Townsend and Crew LLP  
9 (B) STREET: Two Embarcadero Center, Eighth Floor  
10 (C) CITY: San Francisco  
11 (D) STATE: California  
12 (E) COUNTRY: USA  
13 (F) ZIP: 94111-3834

14 (v) COMPUTER READABLE FORM:

15 (A) MEDIUM TYPE: Floppy disk  
16 (B) COMPUTER: IBM PC compatible  
17 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
18 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

19 (vi) CURRENT APPLICATION DATA:

20 (A) APPLICATION NUMBER: US/10/081,281  
21 (B) FILING DATE: 20-Feb-2002  
22 (C) CLASSIFICATION:

23 (vii) PRIOR APPLICATION DATA:

24 (A) APPLICATION NUMBER: US/09/261,811A  
25 (B) FILING DATE: 03-Mar-1999  
26 (A) APPLICATION NUMBER: US 08/480,002  
27 (B) FILING DATE: 07-JUN-1995  
28 (A) APPLICATION NUMBER: US 08/482,133  
29 (B) FILING DATE: 07-JUN-1995  
30 (A) APPLICATION NUMBER: US 08/483,241  
31 (B) FILING DATE: 07-JUN-1995  
32 (A) APPLICATION NUMBER: US 60/005,964  
33 (B) FILING DATE: 27-OCT-1995  
34 (A) APPLICATION NUMBER: US 08/657,581  
35 (B) FILING DATE: 07-JUN-1996

36 (viii) ATTORNEY/AGENT INFORMATION:

37 (A) NAME: Parent, Annette S.  
38 (B) REGISTRATION NUMBER: 42,058  
39 (C) REFERENCE/DOCKET NUMBER: 014058-005630US

40 (ix) TELECOMMUNICATION INFORMATION:

41 (A) TELEPHONE: (415) 576-0200  
42 (B) TELEFAX: (415) 576-0300

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Input Set : N:\Crf3\RULE60\10081281.raw  
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43 (2) INFORMATION FOR SEQ ID NO: 1:  
44 (i) SEQUENCE CHARACTERISTICS:  
45 (A) LENGTH: 33 base pairs  
46 (B) TYPE: nucleic acid  
47 (C) STRANDEDNESS: single  
48 (D) TOPOLOGY: linear  
W--> 49 (ii) MOLECULE TYPE: DNA  
50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
51 GCGCAAGCTT GAATTCGAGC TCATGGTGTG TCT 33  
53 (2) INFORMATION FOR SEQ ID NO: 2:  
54 (i) SEQUENCE CHARACTERISTICS:  
55 (A) LENGTH: 58 base pairs  
56 (B) TYPE: nucleic acid  
57 (C) STRANDEDNESS: single  
58 (D) TOPOLOGY: linear  
W--> 59 (ii) MOLECULE TYPE: DNA  
60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
61 AATTCGATAT CATGGTGTGT CTGAAGCTCC CTGGAGGCTC CTGCATGACA GCGCTGAC 58  
63 (2) INFORMATION FOR SEQ ID NO: 3:  
64 (i) SEQUENCE CHARACTERISTICS:  
65 (A) LENGTH: 58 base pairs  
66 (B) TYPE: nucleic acid  
67 (C) STRANDEDNESS: single  
68 (D) TOPOLOGY: linear  
W--> 69 (ii) MOLECULE TYPE: DNA  
70 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
71 CACTGTCAGC GCTGTCATGC AGGAGCCTCC AGGGAGCTTC AGACACACCA TGATATCG 58  
73 (2) INFORMATION FOR SEQ ID NO: 4:  
74 (i) SEQUENCE CHARACTERISTICS:  
75 (A) LENGTH: 60 base pairs  
76 (B) TYPE: nucleic acid  
77 (C) STRANDEDNESS: single  
78 (D) TOPOLOGY: linear  
W--> 79 (ii) MOLECULE TYPE: DNA  
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
81 ACTTCTTAA AAACATCGTG ACTCCGCGTA CACCCCCGCC ATCGGGAGGC GGGTCAGGTG 60  
83 (2) INFORMATION FOR SEQ ID NO: 5:  
84 (i) SEQUENCE CHARACTERISTICS:  
85 (A) LENGTH: 60 base pairs  
86 (B) TYPE: nucleic acid  
87 (C) STRANDEDNESS: single  
88 (D) TOPOLOGY: linear  
W--> 89 (ii) MOLECULE TYPE: DNA  
90 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
91 GATCCACCTG ACCCGCCTCC CGATGGCGGG GGTGTACCGCG GAGTCACGAT GTTTTTAAAG 60  
93 (2) INFORMATION FOR SEQ ID NO: 6:  
94 (i) SEQUENCE CHARACTERISTICS:  
95 (A) LENGTH: 59 base pairs  
96 (B) TYPE: nucleic acid

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97 (C) STRANDEDNESS: single  
98 (D) TOPOLOGY: linear  
W--> 99 (ii) MOLECULE TYPE: DNA  
100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
101 AGTGACACTG ATGGTGCTGA GCTCCCCACT GGCTTTGTCT GACGAAAACC CAGTAGTGC 59  
103 (2) INFORMATION FOR SEQ ID NO: 7:  
104 (i) SEQUENCE CHARACTERISTICS:  
105 (A) LENGTH: 59 base pairs  
106 (B) TYPE: nucleic acid  
107 (C) STRANDEDNESS: single  
108 (D) TOPOLOGY: linear  
W--> 109 (ii) MOLECULE TYPE: DNA  
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
111 AAGTGCAGTA CTGGGTTTTC GTCAGACAAA GCCAGTGGGG AGCTCAGCAC CATCAGTGT 59  
113 (2) INFORMATION FOR SEQ ID NO: 8:  
114 (i) SEQUENCE CHARACTERISTICS:  
115 (A) LENGTH: 27 base pairs  
116 (B) TYPE: nucleic acid  
117 (C) STRANDEDNESS: single  
118 (D) TOPOLOGY: linear  
W--> 119 (ii) MOLECULE TYPE: DNA  
120 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
121 GCCGGCTGAT GCTCCCCGCT GCACTGT 27  
123 (2) INFORMATION FOR SEQ ID NO: 9:  
124 (i) SEQUENCE CHARACTERISTICS:  
125 (A) LENGTH: 25 base pairs  
126 (B) TYPE: nucleic acid  
127 (C) STRANDEDNESS: single  
128 (D) TOPOLOGY: linear  
W--> 129 (ii) MOLECULE TYPE: DNA  
130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
131 GCGCTCTAGA TCATATAGTT GGAGC 25  
133 (2) INFORMATION FOR SEQ ID NO: 10:  
134 (i) SEQUENCE CHARACTERISTICS:  
135 (A) LENGTH: 37 base pairs  
136 (B) TYPE: nucleic acid  
137 (C) STRANDEDNESS: single  
138 (D) TOPOLOGY: linear  
W--> 139 (ii) MOLECULE TYPE: DNA  
140 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
141 CCAGGGTCTA GATCATAAAG GCCCTGGGTG TCTGGAG 37  
143 (2) INFORMATION FOR SEQ ID NO: 11:  
144 (i) SEQUENCE CHARACTERISTICS:  
145 (A) LENGTH: 37 base pairs  
146 (B) TYPE: nucleic acid  
147 (C) STRANDEDNESS: single  
148 (D) TOPOLOGY: linear  
W--> 149 (ii) MOLECULE TYPE: DNA  
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

RAW SEQUENCE LISTING  
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Input Set : N:\Crf3\RULE60\10081281.raw  
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151 CGAGGAATTC GCAGAGACCT CCCAGAGACC AGGATCC 37  
 153 (2) INFORMATION FOR SEQ ID NO: 12:  
 154 (i) SEQUENCE CHARACTERISTICS:  
 155 (A) LENGTH: 37 base pairs  
 156 (B) TYPE: nucleic acid  
 157 (C) STRANDEDNESS: single  
 158 (D) TOPOLOGY: linear  
 W--> 159 (ii) MOLECULE TYPE: DNA  
 160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
 161 AACACTCTAG ATCACTGCAG GAGCCCTGCT GGAGGAG 37  
 163 (2) INFORMATION FOR SEQ ID NO: 13:  
 164 (i) SEQUENCE CHARACTERISTICS:  
 165 (A) LENGTH: 37 base pairs  
 166 (B) TYPE: nucleic acid  
 167 (C) STRANDEDNESS: single  
 168 (D) TOPOLOGY: linear  
 W--> 169 (ii) MOLECULE TYPE: DNA  
 170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
 171 CGAGGAATTC TGAGTCCTGG TGACTGCCAT TACCTGT 37  
 173 (2) INFORMATION FOR SEQ ID NO: 14:  
 174 (i) SEQUENCE CHARACTERISTICS:  
 175 (A) LENGTH: 30 base pairs  
 176 (B) TYPE: nucleic acid  
 177 (C) STRANDEDNESS: single  
 178 (D) TOPOLOGY: linear  
 W--> 179 (ii) MOLECULE TYPE: DNA  
 180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
 181 GGAGCATCAG CCGGCATCAA AGAAGAACAT 30  
 183 (2) INFORMATION FOR SEQ ID NO: 15:  
 184 (i) SEQUENCE CHARACTERISTICS:  
 185 (A) LENGTH: 111 base pairs  
 186 (B) TYPE: nucleic acid  
 187 (C) STRANDEDNESS: single  
 188 (D) TOPOLOGY: linear  
 W--> 189 (ii) MOLECULE TYPE: DNA  
 190 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:  
 191 GAGGATGATT AAATGAGTCG CCTCTCGAAG GTGGCTCCAG TGATTAAGC CAGAATGATG 60  
 192 GAGTATGGAA CCACAGGAGG TGGAGGCTCT GGAGGTGGAG GCTCAGGAGG A 111  
 194 (2) INFORMATION FOR SEQ ID NO: 16:  
 195 (i) SEQUENCE CHARACTERISTICS:  
 196 (A) LENGTH: 39 base pairs  
 197 (B) TYPE: nucleic acid  
 198 (C) STRANDEDNESS: single  
 199 (D) TOPOLOGY: linear  
 W--> 200 (ii) MOLECULE TYPE: DNA  
 201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
 202 GGAGGCTCAG GAGGAGGTGG GTCCGGAGAC TCCGAAAGG 39  
 204 (2) INFORMATION FOR SEQ ID NO: 17:  
 205 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/081,281

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Input Set : N:\Crf3\RULE60\10081281.raw  
Output Set: N:\CRF3\03122002\J081281.raw

206 (A) LENGTH: 32 base pairs  
207 (B) TYPE: nucleic acid  
208 (C) STRANDEDNESS: single  
209 (D) TOPOLOGY: linear  
W--> 210 (ii) MOLECULE TYPE: DNA  
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
212 CGCGGGATCC GATCGTGGAG GATGATTAAA TG 32  
214 (2) INFORMATION FOR SEQ ID NO: 18:  
215 (i) SEQUENCE CHARACTERISTICS:  
216 (A) LENGTH: 30 base pairs  
217 (B) TYPE: nucleic acid  
218 (C) STRANDEDNESS: single  
219 (D) TOPOLOGY: linear  
W--> 220 (ii) MOLECULE TYPE: DNA  
221 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
222 GCCACCTGAT CCACCCCGCA GGGAGGTGGG 30  
224 (2) INFORMATION FOR SEQ ID NO: 19:  
225 (i) SEQUENCE CHARACTERISTICS:  
226 (A) LENGTH: 30 base pairs  
227 (B) TYPE: nucleic acid  
228 (C) STRANDEDNESS: single  
229 (D) TOPOLOGY: linear  
W--> 230 (ii) MOLECULE TYPE: DNA  
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
232 GGTGGATCAG GTGGCGAAGA CGACATTGAG 30  
234 (2) INFORMATION FOR SEQ ID NO: 20:  
235 (i) SEQUENCE CHARACTERISTICS:  
236 (A) LENGTH: 30 base pairs  
237 (B) TYPE: nucleic acid  
238 (C) STRANDEDNESS: single  
239 (D) TOPOLOGY: linear  
W--> 240 (ii) MOLECULE TYPE: DNA  
241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
242 CCGGAATTCT TAACTAGTAG CTGGGGTGAA 30  
244 (2) INFORMATION FOR SEQ ID NO: 21:  
245 (i) SEQUENCE CHARACTERISTICS:  
246 (A) LENGTH: 30 base pairs  
247 (B) TYPE: nucleic acid  
248 (C) STRANDEDNESS: single  
249 (D) TOPOLOGY: linear  
W--> 250 (ii) MOLECULE TYPE: DNA  
251 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:  
252 CCGGAATTCT TAACTAGTAG CTGGGGTGAA 30  
254 (2) INFORMATION FOR SEQ ID NO: 22:  
255 (i) SEQUENCE CHARACTERISTICS:  
256 (A) LENGTH: 30 base pairs  
257 (B) TYPE: nucleic acid  
258 (C) STRANDEDNESS: single  
259 (D) TOPOLOGY: linear

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/081,281

DATE: 03/12/2002  
TIME: 09:35:10

Input Set : N:\Crf3\RULE60\10081281.raw  
Output Set: N:\CRF3\03122002\J081281.raw

L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
 L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
 L:49 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1  
 L:59 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2  
 L:69 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3  
 L:79 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4  
 L:89 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5  
 L:99 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6  
 L:109 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7  
 L:119 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8  
 L:129 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9  
 L:139 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=10  
 L:149 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11  
 L:159 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12  
 L:169 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=13  
 L:179 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=14  
 L:189 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=15  
 L:200 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=16  
 L:210 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=17  
 L:220 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=18  
 L:230 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=19  
 L:240 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=20  
 L:250 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=21  
 L:260 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=22  
 L:270 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23  
 L:281 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24  
 L:291 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=25  
 L:302 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=26  
 L:313 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=27  
 L:324 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=28  
 L:404 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=35  
 L:550 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=48  
 L:560 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=49  
 L:579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
 L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
 L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52  
 L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53  
 L:646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
 L:662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55  
 L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
 L:694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57  
 L:710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58  
 L:726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59  
 L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
 L:760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
 L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62  
 L:792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
 L:808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64

VERIFICATION SUMMARY  
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L:824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:840 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66  
L:856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68  
L:888 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69  
L:904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70  
L:920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71  
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72  
L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73  
L:968 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:1000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76  
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:1032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:1066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:1081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82  
L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83  
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84  
L:1145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85  
L:1161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86  
L:1177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87  
L:1193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88  
L:1213 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=90  
L:1261 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=92  
L:1346 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=94  
L:1396 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=96  
L:1446 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=98  
L:1536 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=100  
L:1586 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=102  
L:1636 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=104  
L:1726 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=106  
L:1781 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=108  
L:1866 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=110  
L:2026 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=112  
L:2081 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=114  
L:2241 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=116  
L:2326 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=118  
L:2421 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=120